

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/D/03455

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 F02D41/30

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 F02D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 237 562 B1 (AWASAKA MORIYOSHI ET AL) 29 May 2001 (2001-05-29) abstract column 6, line 41 -column 7, line 26 —	1,2
X	EP 1 063 427 A (HITACHI LTD) 27 December 2000 (2000-12-27) abstract paragraph '0040!; figure 13 —	1,2
X	US 5 875 743 A (DICKEY DANIEL W) 2 March 1999 (1999-03-02) abstract column 9, line 50-53 — —/—	1

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the International search

4 March 2004

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12/03/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02 14665 A (HITACHI LTD ;YAMAOKA SHIRO (JP); KIHARA YUUSUKE (JP); NAKAGAWA SHI) 21 February 2002 (2002-02-21) abstract; figures 34,38 _____	1,2
A	US 2002/007816 A1 (CHENANDA CARIAPPA M ET AL) 24 January 2002 (2002-01-24) abstract; figures 2,3 _____	1-3

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Information on patent family members

International application No.	PCT/DE 03455
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